

Sequence Listing

<110> IPF Pharmaceuticals GmbH

<120> HF-Chondroosteomodulin, its preparation and use for the treatment and diagnosis of bone and cartilage diseases, obesity and inflammatory diseases and skin diseases

<130> 032440woME/BM

<140> PCT/EP03/11799

<141> 2003-10-24

<160> 16

<170> PatentIn Ver. 2.1

<210> 1

<211> 134

<212> PRT

<213> Homo sapiens

<400> 1

Glu Leu Thr Glu Ala Gln Arg Arg Gly Leu Gln Val Ala Leu Glu Glu
1 5 10 15

Phe His Lys His Pro Pro Val Gln Trp Ala Phe Gln Glu Thr Ser Val
20 25 30

Glu Ser Ala Val Asp Thr Pro Phe Pro Ala Gly Ile Phe Val Arg Leu
35 40 45

Glu Phe Lys Leu Gln Gln Thr Ser Cys Arg Lys Arg Asp Trp Lys Lys
50 55 60

Pro Glu Cys Lys Val Arg Pro Asn Gly Arg Lys Arg Lys Cys Leu Ala
65 70 75 80

Cys Ile Lys Leu Gly Ser Glu Asp Lys Val Leu Gly Arg Leu Val His
85 90 95

Cys Pro Ile Glu Thr Gln Val Leu Arg Glu Ala Glu Glu His Gln Glu
100 105 110

Thr Gln Cys Leu Arg Val Gln Arg Ala Gly Glu Asp Pro His Ser Phe
115 120 125

Tyr Phe Pro Gly Gln Phe
130

<210> 2

<211> 1186

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: GORI-28 cDNA

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ggaaggccagg gtgaccagga tccctctgg ggtggtctac agcatcgtct gttccctcg 180
gattctggc aatggtctgg tgatcatcat tgccaccc aagatgaaga agacagtgaa 240
catggctctgg ttccctcaacc tggcagtggc agatttcctg ttcaacgtct tcctcccaat 300
ccatatcacc tatgccgcca tggactacca ctgggttttc gggacagcca ttttgcagat 360
cagcaacttc cttctcatcc acaacatgtt caccagcgtc ttcctgtca ccatcatcag 420
ctctgaccgc tgcatctctg tgctccccc tggctgggtcc cagaaccacc gcagcggtcg 480
cctggcttac atggcctgca tggtcatctg ggtccctggct ttcttcttga gttccccatc 540
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cctgtccaca cctgggtctt cctcggtggc cactcactcc caaatggacc ctgtgggtta 660
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gaccaagaag cccttcaaga ttattgtgac catcatcatt accttcttcc tctgctgggtg 840
cccctaccac acactcaacc tccttagagct ccaccacact gccatgcctg gctctgtctt 900
cagcctgggt ttgcccctgg ccactgcccct tgccattgcc aacagctgca tgaacccat 960
tctgtatgtt ttcatgggtc aggacttcaa gaagttcaag gtggccctct tctctcgctt 1020
ggtaatgct ctaagtgaag atacaggcca ctcttcctac cccagccata gaagctttac 1080
caagatgtca tcaatgaatg agaggacttc tatgaatgag agggagaccg gcatgctttg 1140
atcctcaactg tggaaacccct caatggactc tctcaaccca gggaca 1186

<210> 3

<211> 18

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: Primer
TIG2olii1

<400> 3

gccagggtga cacggaag

18

<210> 4

<211> 17

<212> DNA

<213> Artificial sequence

<220>

<223> Description of artificial sequence: Primer
TIGolii2

<400> 4

gaggcaccac gcagctc

17

<210> 5

<211> 33

<212> DNA

<213> Artificial sequence

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<210> 6
<211> 34
<212> DNA
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COMoli2

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<210> 7
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<223> Description of artificial sequence: Primer
mDEZoli1

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<210> 8
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<210> 10
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<212> DNA
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<400> 10
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<210> 11
<211> 22
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hDEZ-a-Oli5

<400> 11
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<210> 12
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<212> DNA
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<220>
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<400> 12
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<210> 13
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<223> Description of artificial sequence: Primer
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<400> 13
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<210> 14
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<220>
<223> Description of artificial sequence: Primer
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<400> 14
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<210> 15
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<212> DNA
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<223> Description of artificial sequence: Primer
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<400> 15
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<210> 16
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<213> Artificial sequence

<220>
<223> Description of artificial sequence: Primer
GORI28oli2

<400> 16
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20